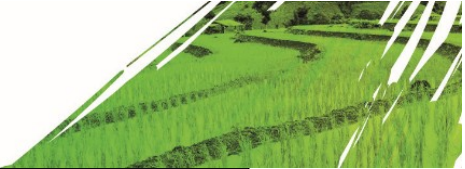


BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Certificate in Land-based Studies Pearson BTEC International Level 3 Subsidiary Diploma in Land-based Studies Pearson BTEC International Level 3 Diploma in Horticulture Pearson BTEC International Level 3 Extended Diploma in Horticulture
Unit number and title	Unit 41: Wildlife Ecology and Conservation Management
Learning aim(s)	A Understand the characteristics of ecosystems for wildlife habitat planning and rehabilitation
Assignment title	Ecosystems and investigative field work
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You are working as an ecologist in the local area and have been tasked with assessing two of the largest ecosystems in your environment. You must carry out field work to gather primary research, which you will use to can form a balanced assessment of the ecosystems and the measure of human impact on them.
Task 1	Produce a report based on investigative field work into different ecosystems and the impact humans have had on them. You must study two different ecosystems, and assess the following aspects: • distribution of ecosystems • relationships in ecosystems • human interactions with ecosystems both positive and negative. Your field work will include a combination of qualitative and quantitative data from the two ecosystems, and you must provide suitable maps, diagrams and charts to support your assessment.
Checklist of evidence required	A report and portfolio of supporting evidence.



Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
A.D1	Evaluate human impacts on wildlife ecosystems and the range of responses to mitigate or enhance those impacts.
A.M1	Analyse the relationships between named animal species and their interactions with their habitats.
A.P1	Explain the distribution of ecosystems.
A.P2	Explain different relationships within ecosystems.

Sources of information to support you with this Assignment	Books Sangera. P, (2019). <i>Ecology: Cohesive, Concise, yet Comprehensive Introduction for Students and Professionals</i> . UK: Amazon Media. Begone. M, et al. (2006). <i>Ecology: From Individuals to Ecosystems</i> . 4th ed. London: John Wiley & Sons. ISBN-13: 978-1405111171. Wheater, C.P. (2011). <i>Practical Field Ecology</i> . London: Wiley. ISBN-13: 978-0470694299.
	Journals/Magazines <i>Inside Ecology (insideecology.com)</i> <i>Behavioral Ecology and Sociobiology</i> Websites The ecologist (theecologist.org) Biome Ecology (biomeecology.com)